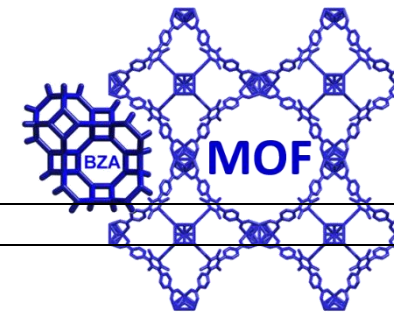
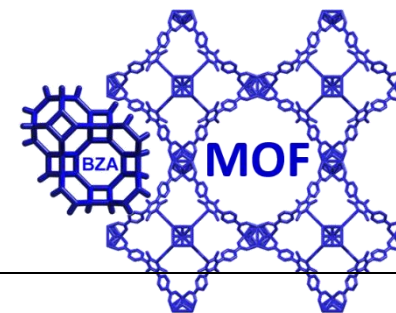


UK MOF Symposium 2018

Monday 9th April



09:50			Opening remarks
10:00	I1	Paul Wright	A Twist to the Tale: Characterising the Structural Response of MOFs to Adsorption *Sponsored by Hiden Isochema*
10:30	O1	Tian Tian	Monolithic metal-organic framework: towards breaking DOE targets for methane uptake
10:50	O2	Ilknur Erucar	Efficient Separation of Carbon Tetrachloride from Air using COFs, IRMOFs and ZIFs: A Molecular Simulation Study
11:10		<i>Coffee</i>	
11:50	O3	Matthew Addicoat	Controlling embedment and surface chemistry of nanoclusters in metal-organic frameworks
12:10	O4	Petra Szilágyi	Metal-Organic Frameworks: Templates and Supports of Pd Nanoclusters
12:30	I2	Matt Rosseinsky	New framework forming chemistry and heterogeneous catalysis – control of molecular organometallic catalysts by cation exchange into a metal-organic framework *Sponsored by Chem*
13:00		<i>Lunch</i>	
14:00	I3	Stuart James	Porous Liquids and Solvent-free Continuous Manufacture of MOFs by Mechanochemistry *Sponsored by RSC Chemical Science / CrystEngComm*
14:30	O5	Vahid Nosari	Toward Rational Design of Ionic Liquid/Metal-Organic Framework Composites: Effects of Interionic Interaction Energy
14:50	O6	Loukas Kollias	On the conformational complexity in the early stages of metal-organic framework self assembly
15:10	O7	Svemir Rudic	What can inelastic neutron scattering and ab initio calculations do for MOFs: TOSCA story
15:30		<i>Coffee</i>	
16:10	S1	Simon Coles	Overview of the EPSRC National Crystallographic Service (NCS)
16:20	O8	Greig Shearer	Metal-Organic Frameworks at Johnson Matthey
16:40	O9	Stefan Wuttke	Metal-organic framework nanocarriers – A groundbreaking “magic bullet”?
17:00	I4	Patricia Horcajada	Drug vectorization using engineered-surface Metal-Organic Frameworks *Sponsored by Micromeritics*
17:30	P1	Poster Session	*Sponsored by Hiden Isochema*



Tuesday 10th April

09:00	I5	Kim Jelfs	Evolving beyond MOFs: evolutionary algorithms for porous organic molecules *Sponsored by Fluorochem*
09:30	O10	Amir Farmahini	Systematic Assessment of Porous Adsorbents for Gas Separation Applications: From Molecular Simulation to Process Optimisation
09:50	O11	Florian Aurus	Vapour-responsive covalent organic frameworks
10:10	O12	Tom Hasell	Porous Organic Cages: Controlling Properties by Directed Assembly
10:30		<i>Coffee</i>	
11:00	S2	Jeff Kenvin	Micromeritics: Thermodynamic Assessment of the Interactions of Gases with MOF Materials
11:20	O13	Matt Cliffe	Designing with defects in zirconium and hafnium metal-organic frameworks
11:40	O14	Marco Taddei	Understanding post-synthetic ligand exchange in defective zirconium-based metal-organic frameworks
12:00	O15	Jingwei Hou	Linking Defects, Hierarchical Porosity Generation and Desalination Performance in Metal-Organic Frameworks
12:20	O16	Lauren McHugh	Hemilability Increases Hydrolytic Stability in Metal Organic Frameworks
12:40		<i>Lunch</i>	
13:40	O17	Kyriakos Stylianou	Photocatalytic Hydrogen Generation from Visible-Light Responsive Metal-Organic Framework Systems
14:00	O18	Chris Hawes	Tetraarylpyrrolo[3,2-b]pyrroles as linkers in intensely luminescent and responsive Metal-Organic Frameworks
14:20	I6	Rob Ameloot	MOFs and electronic devices: a good match *Sponsored by Strem*
14:50			Poster Prizes and Closing Remarks *Sponsored by Micromeritics, Materials Horizons, Molecular Systems Design & Engineering, Reaction Chemistry & Engineering, CrystEngComm*
15:00		<i>End</i>	